

**COMMISSIONER FOR PATENTS**

P.O. Box 1450

Alexandria, Virginia 22313-1450

**PATENT**

Re: Application : Bi Le-Khac et al. Case No. : 01-2630A  
Serial No : 10/796,842 Art Unit No : Unknown  
Filed : March 9, 2004 Examiner : Unknown  
For : POLYMER-ENCAPSULATED TITANIUM ZEOLITES FOR OXIDATION REACTIONS

Enclosed are the following documents related to the above-identified application:

- |   |   |
|---|---|
| (X) Return Receipt of Postcard          | ( ) Request for Reconsideration                 |
| (X) Certificate of Mailing              | ( ) Declaration Under 37 C.F.R. § 1.131         |
| ( ) Preliminary Amendment               | ( ) Declaration Under 37 C.F.R. § 1.132         |
| ( ) Assignment for Recordal             | ( ) Terminal Disclaimer 37 C.F.R. § 1.321(c)    |
| (X) Information Disclosure Statement    | ( ) Notice of Appeal                            |
| Under 37 C.F.R. § 1.97(b)(1)            | ( ) Statement of Common Ownership               |
| (X) Form PTO-1449 & non US References   | ( ) Amendment After Allowance 37 C.F.R. § 1.312 |
| ( ) Response to Restriction Requirement | ( ) Issue Fee Transmittal                       |
| ( ) One-Month Extension of Time Under   | ( ) Certificate Under 37 C.F.R. § 3.73(b)       |
| 37 C.F.R. § 1.136 (fee noted below)     | ( ) Amendment Under 37 C.F.R. § 1.121           |

The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

Claims Remaining After Amendment	Highest No.		Present Extra Rate	Add'l Fee
	Previously Paid for			
Total Claims:	minus : 20	:	:x \$18	: 0.00
Ind. Claims:	minus : 3	:	:x \$86	: 0.00
Fee for Petition of Extension of time (1 month see below)			:	: 0.00
TOTAL FEE DUE			:	: 0.00

- (X) No additional fee is required.
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 01-2230. Two duplicate copies of this sheet are enclosed.
- (X) Please charge any additional fees or credit overpayment to Deposit Account No. 01-2230.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to:

MAIL STOP

Commissioner for Patents, P. O. Box 1450,  
Alexandria, Virginia 22313-1450 on  
March 24, 2004.

Jonathan L. Schuchardt

Name of Person Signing

Jonathan L. Schuchardt

Reg. No. 34,428

Attorney for Applicant(s)

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Telephone: (610) 359-2276

March 24, 2004

Customer Number: 24114

01-2630A



UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bi Le-Khac et al.

: Group Art: Unknown

Serial No. 10/796,842

: Examiner: Unknown

Filed: March 9, 2004

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For: POLYMER-ENCAPSULATED TITANIUM ZEOLITES FOR OXIDATION REACTIONS

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicants submit here a list of references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449 and copies of non-U.S. patent references are enclosed.

Applicants respectfully ask the Examiner to consider the cited references.

Respectfully submitted,

Bi Le-Khac et al.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 24, 2004.

Jonathan L. Schuchardt

Name of person signing

Jonathan L. Schuchardt  
Signature

By: Jonathan L. Schuchardt  
Jonathan L. Schuchardt  
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Attorney for Applicant(s)  
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March 24, 2004

**Customer Number: 24114**

		Page 8 of 8
Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89		Attorney Docket: 01-2630A
		Examiner: Unknown
		Serial No. 10/796,842
LIST OF PRIOR ART CITED BY APPLICANT		Filing Date: 03/09/2004
		Group Art: Unknown
		Date: March 24, 2004
		Applicant: Bi Le-Khac et al.
		FOR: POLYMER-ENCAPSULATED TITANIUM ZEOLITES FOR OXIDATION REACTIONS

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA						
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### FOREIGN PATENT DOCUMENTS

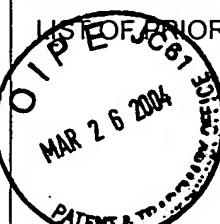
		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	H. Ichihashi et al., <u>Appl. Catal. A</u> 221 (2001) , 359. ✓
AQ	A. Bhaumik et al., <u>Catal. Letters</u> 40 (1996) 47. ✓
AR	

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	6,403,815	06/11/02	Grey	549	532	11/29/01
	AB	6,194,591	02/27/01	Grey et al.	549	533	04/27/00
	AC	6,156,245	12/05/00	Takebayashi et al.	264	4.7	02/26/99
	AD	6,037,487	03/14/00	Habeck et al.	558	449	03/12/99
	AE	4,410,501	10/18/83	Taramasso et al.	423	326	06/29/82
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### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	P. Kumar et al., <u>Synlett.</u> (1995) 289. ✓
	AQ	S. Kobayashi et al., <u>Chem. Commun.</u> (2003) 449. ✓
	AR	R. Akiyama et al., <u>Angew. Chem. Int. Ed.</u> 40 (2001) 3469. ✓

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AP	S. Kobayashi et al., <u>J. Am. Chem. Soc.</u> 120 (1998) 2985. ✓
AQ	K. Edler et al., <u>J. Chem. Soc., Chem. Commun.</u> (1995) 155. ✓
AR	M. Donbrow, " <u>Microcapsules and Nanoparticles in Medicine and Pharmacy</u> ," Ed., pp 1-14. ✓

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AP ✓	G. Beestman, "Microencapsulation of Solid Particles," in <u>Controlled-Release Delivery Systems for Pesticides</u> (1999), H. Scher, Ed., pp 31-54.
AQ ✓	M. Iso et al. <u>Zairo Gijutsu</u> 3 (1985) 29.
AR ✓	M. Yoshida et al., <u>J. Appl. Polym. Sci.</u> 89 (2003) 1966.

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AP	S. Ley et al., <u>Chem. Commun.</u> (2002) 1132 and 1134. ✓
AQ	J. Yu et al., <u>Chem. Commun.</u> (2003) 678. ✓
AR	H. Kage et al., <u>Adv. Powder Technol.</u> 13 (2002) 265. ✓

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AP	Y. Hu et al., <u>Chem. Commun.</u> (2002) 788. ✓
AQ	W. Chen et al., <u>Tetrahedron</u> 58 (2002) 3889. ✓
AR	D. Bergbreiter et al., <u>Org. Letters</u> 2 (2000) 393. ✓

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AP	O. Chiantore et al., <u>Polym. Degrad. Stab.</u> 67 (2000) 461.	/
AQ	W. Chen et al., <u>Chem. Commun.</u> (2000) 839.	/
AR	L. Balducci et al., <u>Angew. Chem. Int. Ed.</u> , 42 (2003) 4937.	/

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AP	T. Tatsumi et al., <u>J. Chem. Soc., Chem. Commun.</u> (1992) 1446. ✓
AQ	C. Perego et al., <u>Appl. Catal. A</u> , <u>221</u> (2001) 63. ✓
AR	P. Ingallina et al., <u>Sci. Tech. Catal.</u> (1994) 31. ✓

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